

Abstract of the Disclosure

A low noise solid state thermostat is provided which includes a thermostat input operatively configured to be coupled to a temperature sensor; a comparator for comparing an output of the temperature sensor to a predefined setpoint temperature; and solid-state switching circuitry operatively coupled to the comparator for selectively switching current to a thermostat output based on the comparison by the comparator, wherein the comparator comprises a microprocessor for comparing the output of the temperature sensor to the predefined setpoint temperature, the predefined setpoint temperature being programmed into a memory accessible by the microprocessor.